

ERROR CORRECTION IN ARRAY FABRICATION

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ABSTRACT OF THE DISCLOSURE

A method, apparatus, and computer program products useful in fabricating a chemical array. The apparatus may include a head system, transport system, and a processor. The head system has multiple groups of drop dispensers. The transport system moves the head system with respect to a substrate. The processor dispenses drops from dispensers during operation of the transport system, in a pattern along a selected path for each group. The method, apparatus, and computer program products provide a means by which error dispensers can readily be replaced by redundant non-error dispensers loaded with the same fluid.